



PC 30520A

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DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER 09/143828	FILING/RECEIPT DATE 08/31/1998 <i>May 7, 2006</i>	FIRST NAMES APPLICANT BERKENSTAM, ANDERS	ATTORNEY DOCKET NUMBER 10806-65
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DOCKETED BY: <i>DMW</i>
<i>Corrected Drawings</i>
<i>Due -</i>
(NOTE TO THE ATTORNEY: <i>This date is NOT EXTENDABLE</i>)

Examiner
PAK, MICHAEL

PFIZER INC.
PATENT DEPARTMENT, MS8260-1611
EASTERN POINT ROAD
GROTON CT 06340

Art. Unit

Paper Number

1646

Date Mailed: 3/7/2006

Notice Regarding Drawings

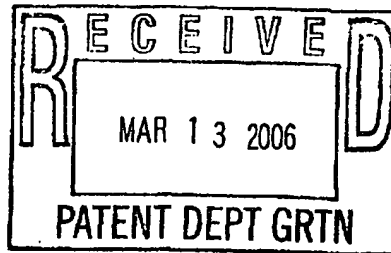
Corrected drawings for the above-identified application, received in the USPTO on 8-31-98 are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b)**. Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review

RETURN CORRECTED DRAWINGS TO:

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Joshua D. Chase
Joshua D. Chase
Office of Patent Publication,
Publishing Division
703-305-0333 ext-138



NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 8-31-98 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. **DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) _____
☐ Pencil and non black ink not permitted. Fig(s) _____

2. **PHOTOGRAPHS.** 37 CFR 1.84(b)
☐ One (1) full-tone set is required. Fig(s) _____
☐ Photographs may not be mounted. 37 CFR 1.84(c)
☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____
☐ Poor quality (half-tone). Fig(s) _____

3. **TYPE OF PAPER.** 37 CFR 1.84(e)
☐ Paper not flexible, strong, white, and durable. Fig(s) _____
☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____

4. **SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
☐ All drawing sheets not the same size.

Sheet(s) _____
☐ Drawings sheets not an acceptable size. Fig(s) _____

5. **MARGINS.** 37 CFR 1.84(g): Acceptable margins:
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
☐ Margins not acceptable. Fig(s) _____

☐ Top (T) ☐ Left (L)
☐ Right (R) ☐ Bottom (B)

6. **VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☒ Views not labeled separately or properly.
 Fig(s) 1, 3

7. **SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. **ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)
☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. **SCALE.** 37 CFR 1.84(k)
☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____

10. **CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)
☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 2, 6-17

11. **SHADING.** 37 CFR 1.84(m)
☐ Solid black areas pale. Fig(s) _____
☐ Solid black shading not permitted. Fig(s) _____

12. **NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)
☒ Numbers and reference characters not plain and legible. Fig(s) 1, 2-17

☒ Figure legends are poor. Fig(s) 1, 2, 5-13
☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____

☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____

13. **LEAD LINES.** 37 CFR 1.84(q)
☐ Lead lines missing. Fig(s) _____

14. **NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____

15. **NUMBERING OF VIEWS.** 37 CFR 1.84(u)
☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. **DESIGN DRAWINGS.** 37 CFR 1.152
☐ Surface shading shown not appropriate. Fig(s) _____
☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

COMMENTS:

Reviewer

If you have questions, call (703) 305-8404.

Date

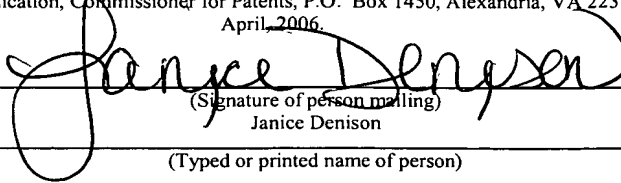
Attachment to Paper No. _____

Patent Application
PC30520A

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Office of Patent Publication, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 4th day of

April, 2006.

By



(Signature of person mailing)
Janice Denison

(Typed or printed name of person)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 09/143,828
In Re Application of: Anders Berkenstam, et al.
Filed: August 31, 1998
Group Art Unit: 1646
Examiner: Pak, Michael D.
Docket No.: PC30520A
Customer No.: 28523

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SUBMISSION OF FORMAL DRAWINGS

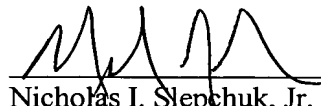
Sir:

In response to the Notice Regarding Drawings (copy enclosed) mailed March 7, 2006,
Applicants submit herewith 15 sheets of Formal Drawings.

Respectfully submitted,

Date:

4/3/06



Nicholas I. Slepchuk, Jr.
Attorney for Applicants
Reg. No. 32,174

Pfizer Inc.
Patent Department, MS 8260-1611
Eastern Point Road
Groton, Connecticut 06340
(860) 715-0081

1 CCTCTGAAGG TTCTAGAATC GATAGTGAAT TCGTGGGACG GGAAGAGGAA
 51 GCACTGCCTT TACTTCAGTG GGAATCTCGG CCTCAGCCTG CAAGCCAAGT
 101 GTTCACAGTG AAAAAAGCAA GAGAATAAGC TAATACTCCT GTCCTGAACA
 151 AGGCAGCGGC TCCTTGGTAA AGCTACTCCT TGATCGATCC TTTGCACCGG
 201 ATTGTTCAAA GTGGACCCCA GGGGAGAAGT CGGAGCAAAG AACTTACCAC
 251 CAAGCAGTCC AAGAGGCCCA GAAGCAAACC TGGAGGTGAG ACCCAAAGAA
 301 AGCTGGAACC ATGCTGACTT TGTACACTGT GAGGACACAG AGTCTGTTCC
 351 TGGAAAGCCC AGTGTCAACG CAGATGAGGA AGTCGGAGGT CCCCAAATCT
 401 GCCGTGTATG TGGGGACAAG GCCACTGGCT ATCACTTCAA TGTCATGACA
 451 TGTGAAGGAT GCAAGGGCTT TTTCAAGGAG GCCATGAAAC GCAACGCCCG
 501 GCTGAGGTGC CCCTTCCGGA AGGGCGCCTG CGAGATCACC CGGAAGACCC
 551 GGCGACAGTG CCAGGCCTGC CGCCTGCGCA AGTGCCTGGA GAGCGGCATG
 601 AAGAAGGAGA TGATCATGTC CGACGAGGCC GTGGAGGAGA GGCGGGCCTT
 651 GATCAAGCGG AAGAAAAGTG AACGGACAGG GACTCAGCCA CTGGGAGTGC
 701 AGGGGCTGAC AGAGGAGCAG CGGATGATGA TCAGGGAGCT GATGGACGCT
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 1051 GCCAAAGTCA TCTCCTACTT CAGGGACTTG CCCATCGAGG ACCAGATCTC
 1101 CCTGCTGAAG GGGGCCGCTT TCGAGCTGTG TCAACTGAGA TTCAACACAG
 1151 TGTTC AACGC GGAGACTGGA ACCTGGGAGT GTGGCCGGCT GTCCTACTGC
 1201 TTGGAAGACA CTGCAGGTGG CTTCCAGCAA CTTCTACTGG AGCCCATGCT
 1251 GAAATTCCAC TACATGCTGA AGAAGCTGCA GCTGCATGAG GAGGAGTATG
 1301 TGCTGATGCA GGCCATCTCC CTCTTCTCCC CAGACCGCCC AGGTGTGCTG
 1351 CAGCACCGCG TGGTGGACCA GCTGCAGGAG CAATTGCGCA TTA CTCTGAA
 1401 GTCCTACATT GAATGCAATC GGCCCCAGCC TGCTCATAGG TTCTTGTTC

Fig. 1 A

1451 TGAAGATCAT GGCTATGCTC ACCGAGCTCC GCAGCA TCAA TGCTCAGCAC
1501 ACCCAGCGGC TGCTGCGCAT CCAGGACATA CACCCCTTTG CTACGCCCCT
1551 CATGCAGGAG TTGTTGCGCA TCACAGGTAG CTGAGCGGCT GCCCTTGGGT
1601 GACACCTCCG AGAGGCAGCC AGACCCAGAG CCCTCTGAGC CGCCACTCCC
1651 GGGCCAAGAC AGATGGACAC TGCCAAGAGC CGACAATGCC CTGCTGGCCT
1701 GTCTCCCTAG GGAATTCCTG CTATGACAGC TGGCTAGCAT TCCTCAGGAA
1751 GGACATGGGT GGGCCCCACC CCCAGTTCAG TCTGTAGGGA GTGAAGCCAC
1801 AGACTCTTAC GTGGAGAGTG CACTGACCTG TAGGTCAGGA CCATCAGAGA
1851 GGCAAGGTTG CCCTTTCCTT TTAAGAGGCC CTGTGGTCTG GGGAGAAATC
1901 CCTCAGATCC CACTAAAGTG TCAAGGTGTG GAAGGGACCA AGCGACCAAG
1951 GATAGGCCAT CTGGGGTCTA TGCCACATA CCCACGTTTG TTCGCTTCCT
2001 GAGTCTTTTC ATTGCTACCT CTAATAGTCC TGTCTCCAC TTCCACTCG
2051 TTCCCCTCCT CTTCCGAGCT GCTTTGTGGG CTCAAGGCCT GTACTCATCG
2101 GCAGGTGCAT GAGTATCTGT GGGAGTCCTC TAGAGAGATG AGAAGCCAGG
2151 AGGCCTGCAC CAAATGTCAG AAGCTTGGCA TGACCTCATT CCGGCCACAT
2201 CATTCTGTGT CTCTGCATCC ATTTGAACAC ATTATTAAGC ACTGATAATA
2251 GGTAGCCTGC TGTGGGGTAT ACAGCATTGA CTCAGATATA GATCCTGAGC
2301 TCACAGAGTT TATAGTTAAA AAAACAAACA GAAACACAAA CAATTTGGAT
2351 CAAAAGGAGA AAATGATAAG TGACAAAAGC AGCACAAGGA ATTTCCCTGT
2401 GTGGATGCTG AGCTGTGATG GCAGGCACTG GGTACCCAAG TGAAGGTTCC
2451 CGAGGACATG AGTCTGTAGG AGCAAGGGCA CAAACTGCAG CTGTGAGTGC
2501 GTGTGTGTGA TTTGGTGTAG GTAGGTCTGT TTGCCACTTG ATGGGGCCTG
2551 GGTTTGTTC TGGGGCTGGA ATGCTGGGTA TGCTCTGTGA CAAGGCTACG
2601 CTGACAATCA GTTAAACACA CCGGAGAAGA ACCATTTACA TGCACCTTAT
2651 ATTTCTGTGT ACACATCTAT TCTCAAAGCT AAAGGGTATG AAAGTGCCTG
2701 CCTTGTTTAT AGCCACTTGT GAGTAAAAAT TTTTTTGCAT TTTCACAAAT
2751 TATACTTTAT ATAAGGCATT CCACACCTAA GAACTAGTTT TGGGAAATGT
2801 AGCCCTGGGT TTAATGTCAA ATCAAGGCAA AAGGAATTAA ATAATGTACT
2851 TTTGGCTAAA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA
2901 AAAAA

Fig. 1 B

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Evolutionary Neighbour-Joining Tree

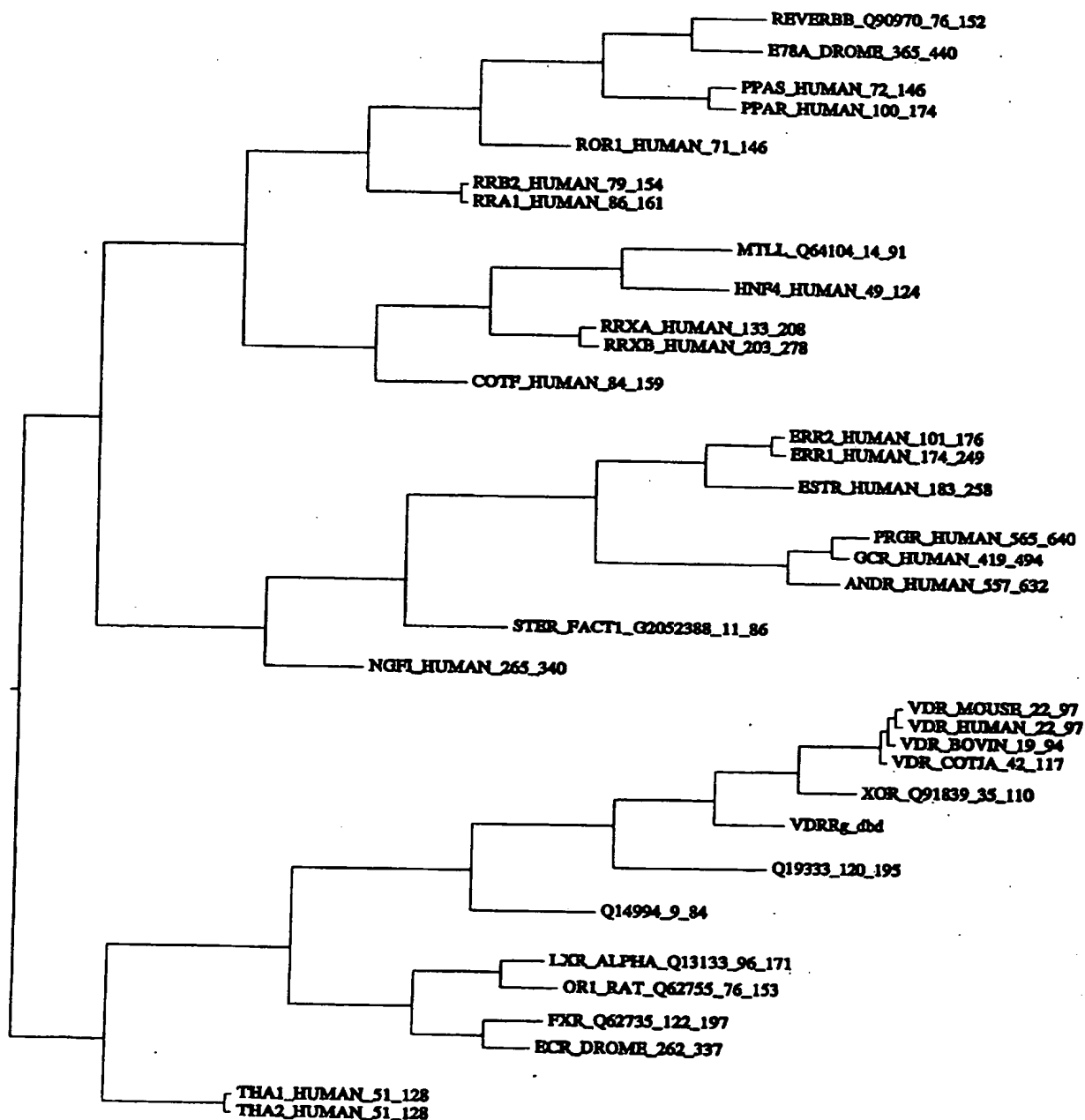


Fig. 2

Evolutionary Neighbour-Joining Tree

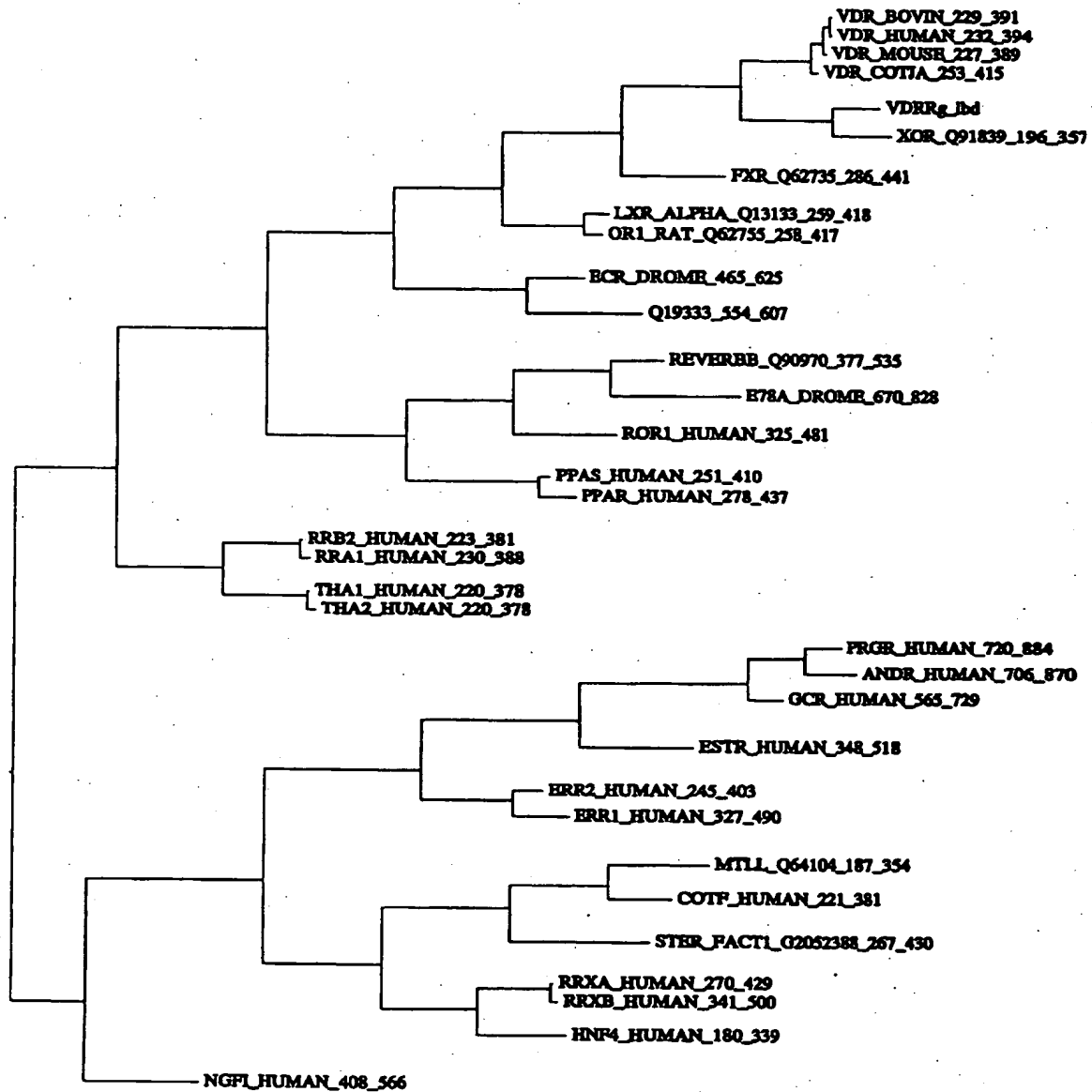


Fig. 3

1 MEVRPKESWN HADFVHCEDT ESVP GKPSVN ADEEVGGPQI CRVCGDKATG
51 YHFNVMTC EG CKGFFRRAMK RNARLRCPFR KGACEITRKT RRQCQACRLR
101 KCLESGMKKE MIMSDEAVEE RRALIKRKKS ERTGTQPLGV QGLTEEQRMM
151 IRELMDAQMK TFDTTFSHK NFRLPGVLSS GCELPESLQA PSREEAAKWS
201 QVRKDLCSLK VSLQLRGEDG SVWNYKPPAD SGGKEIFSLL PHMADMSTYM
251 FKGIISSFAKV ISYFRDLPIE DQISLLKGAA FELCQLRFNT VFNAETGTWE
301 CGRLSYCLED TAGGFQQLL EPMLKFHYML KKLQLHEEEY VLMQAISLFS
351 PDRPGVLQHR VVDQLQEQFA ITLKS YIECN RPQPAHRFLF LKIMAMLTEL
401 RSINAQHTQR LLRIQDIHPF ATPLMQELFG ITGS

Fig. 4

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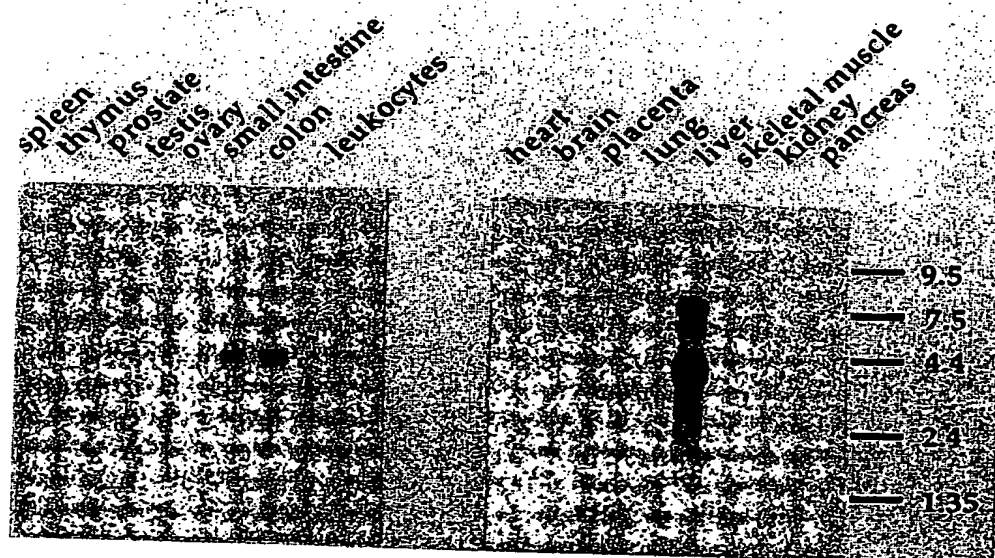


Fig. 5

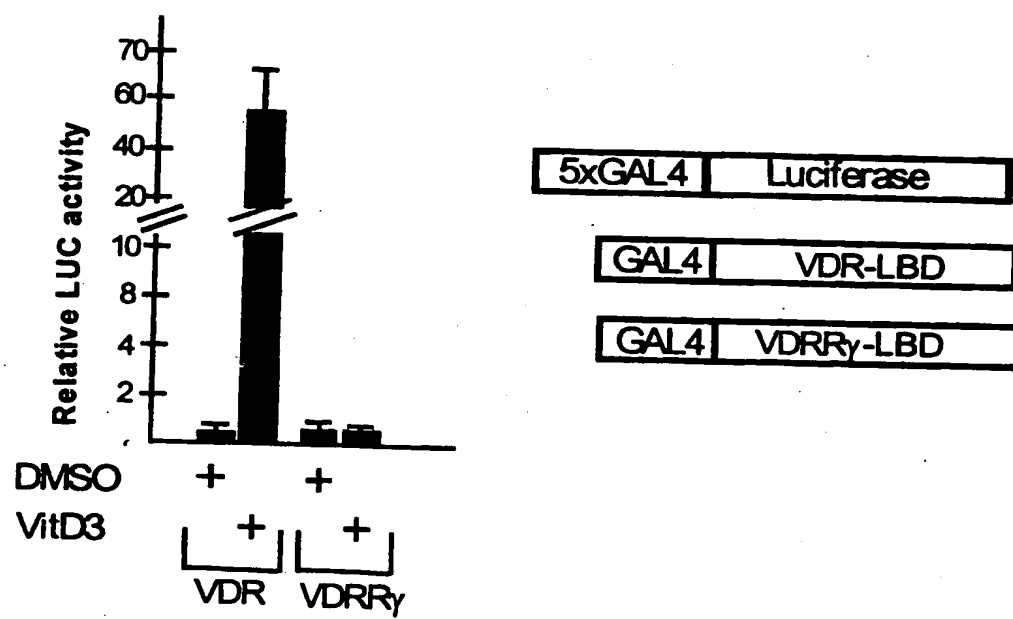


Fig. 6

TGAATTTCGTGGGCTTGCTGGGTTAGTGTGCTGGCAGCCCCC 40
 TGAGGCCAAGGACAGCAGCATGACAGTCACCAGGACTCAC 80
 CACTTCAAGGAGGGGTCCTTCAGAGCACCTGCCATACCCC 120
 TGCACAGTGTCTGGGCTGAGTTGGCTTCAAACCATCCAAG 160
 AGGCCCAGAAAGCAAACCTGGAGGTGAGACCCAAAGAAAGC 200
 TGAACCATGCTGACTTTGTACACTGTGAGGACACAGAGT 240
 CTGTTCCCTGGAAAGCCCAGTGTCAACGCAGATGAGGAAGT 280
 CGGAGGTCCCCAAATCTGCCGTGTATGTGGGGACAAGGCC 320
 ACTGGCTATCACTTCAATGTTCATGACATGTGAAGGATGCA 360
 AGGGCTTTTTCAGGAGGGCCATGAAACGCAACGCCCGGCT 400
 GAGGTGCCCCCTCCGGAAGGGCGGCTGCGAGATCACCCGG 440
 AAGACCCCGCGACAGTGGCAGGCCCTGCCGCCCTGCCAAGT 480
 GCCTGGAGAGCGGCATGAAGAAGGAGATGATCATGTCCGA 520
 CGAGGCCGTGGAGGAGAGGGCGGGCTTGATCAAGCGGAAG 560
 AAAAGTGAACGGACAGGGACTCAGCCACTGGGAGTGCAGG 600
 GGCTGACAGAGGAGCAGCGGATGATGATCAGGGAGCTGAT 640
 GGACGCTCAGATGAAAACCTTTGACACTACCTTCTCCCAT 680
 TTCAAGAATTTCCGGCTGOCAGGGGTGCTTAGCAGTGGCT 720
 GCGAGTTGCCAGAGTCTCTGCAGGCCCCATCGAGGGAAGA 760
 AGCTGCCAAGTGGAGCCAGGTCCGGAAAGATCTGTGCTCT 800
 TTGAAGGTCTCTCTGCAGCTGCCGGGGGAGGATGGCAGTG 840
 TCTGGAACTACAAACCCCCAGCCGACAGTGGGGGGAAGA 880
 GATCTTCTCCCTGCTGCCCCACATGGCTGACATGTCAACC 920
 TACATGTTCAAAGGCATCATCAGCTTTGCCAAAGTCATCT 960
 CCTACTTTCAGGGACTTGGCCATCGAGGACCAGATCTCCCT 1000
 GCTGAAGGGGGCGGCTTTTCAGCTGTGTCAACTGAGATTCT 1040
 AACACAGTGTTCAAACGCGGAGACTGGAACCTGGGAGTGTG 1080
 GCGGGCTGTCCCTACTGTCTTGAAGACACTGCAGGTGGCTT 1120
 CCAGCAACTTCTACTGGAGCCCATGCTGAAATTCCACTAC 1160
 ATGCTGAAGAAGCTGCAGCTGCATGAGGAGGAGTATGTGC 1200
 TGATGCAGGCCATCTCCCTCTTCTCCCCAGACCGCCAGG 1240
 TGIGCTGCAGCACCGGTGGTGGACCAGCTGCAGGAGCAA 1280
 TTGGCCATTACTCTGAAGTCCCTACATTGAATGCAATCGGC 1320
 CCCAGCCTGCTCATAGGTTCTTGTTCCTGAAGATCATGGC 1360
 TATGCTCACCGAGCTCCGCAGCATCAATGCTCAGCACACC 1400
 CAGCGGCTGTCTGGCATCCAGGACATACACCCCTTTGCTA 1440

Fig. 7 A

CGCCCCATCATGCAGGAGTTGTTTCGGCATCACAGGTAGCTG 1480
 AGCGGCTGCCCCTTGGGTGACACCTCCGAGAGGCAGCCAGA 1520
 CCCAGAGCCCTCTGAGCCGCCACTCCCGGGCCAAGACAGA 1560
 TGGACACTGCCAAGAGCCGACAATGCCCTGCTGGCCTGTC 1600
 TCCCTAGGGAATTCCCTGCTATGACAGCTGGCTAGCATTCC 1640
 TCAGGAAGGACATGGGTGCCCCCCCACCCCCAGTTTCAGTCT 1680
 GTAGGGAGTGAAGCCACAGACTCTTACGTGGAGAGTGCAC 1720
 TGACCTGTAGGTTCAGGACCATCAGAGAGGCCAAGGTTGCC 1760
 TTTCCTTTTAAAAGGCCCTGTGGTCTGGGGAGAAATCCCT 1800
 CAGATCCCACTAAAGTGTCAAGGTGTGGAAGGGACCAAGC 1840
 GACCAAGGATAGGCCATCTGGGGTCTATGCCACATAACC 1880
 ACGTTTGTTCGCTTCCTGAGTCTTTTCATGTCTACCTCTA 1920
 ATAGTCCCTGTCTCCCACTTCCCACTCGTTCCCTCCTCTT 1960
 CCGAGCTGCTTTGTGGGCTCAAGGCCTGTACTCATCGGCA 2000
 GGTCATGAGTATCTGTGGGAGTCCCTCTAGAGAGATGAGA 2040
 AGCCAGGAGGCCCTGCACCAATGTTCAGAAGCTTGGCATGA 2080
 CCTCATTCGGCCACATCATTCTGTGTCTCTGCATCCATT 2120
 TGAACACATTATTAAGCACTGATAATAGGTAGCCTGCTGT 2160
 GGGGTATACAGCATTGACTCAGATATAGATCCTGAGCTCA 2200
 CAGAGTTTATAGTTAAAAAACAAACAGAAACACAAACAA 2240
 TTTGGATCAAAAGGAGAAAATGATAAGTGACAAAAGCAGC 2280
 ACAAGGAATTTCCCTGTGTGGATGCTGAGCTGTGATGGCA 2320
 GGCCTGGGTACCCAAGTGAAGGTTCCCGAGGACATGAGT 2360
 CTGTAGGAGCAAGGGCACAACTGCAGCTGTGAGTGGTG 2400
 TGGTGTGATTGGGTGTAGGTAGGTCTGTTTGCCACTTGATG 2440
 GGGCTGGGTTTGTTCCTGGGGCTGGAATGCTGGGTATGC 2480
 TCTGTGACAAGGCTACGCTGACAATCAGTTAAACACACCG 2520
 GAGAAGAACCATTACATGCACCTTATATTTCGTGTGACA 2560
 CATCTATTCTCAAGCTAAAGGATGAAAGTGCCTGCCT 2600
 TGTTTATAGCCACTGTGTAGTAAAAATTTTTTTGCATTTT 2640
 CACAAATTATACTTTATATAAGGCATTCCACACCTAAGAA 2680
 CTAGTTTTGGGAAATGTAGCCCTGGGTTTAATGTCAAATC 2720
 AAGGCAAAAGGAATTAAATAATGTACTTTTGGCTAAAAAA 2760
 AA 2800
 AA 2802

Fig. 7 B

MTVTRTHHFKEGSLRAPAIPLHSAAAELASNHPRGPEANL 40
EVRPKESWNHADVFHCEDTESVPGKPSVNADEEVGGPQIC 80
RVCGDKATGYHFNVMTCEGCKGFFRRAMKRNARLRCPFRK 120
GACEITRKTRRQCQACRLRKCLESGMKKEMIMSDEAVEER 160
RALIKRKKSSERTGTQPLGVQGLTEEQORMMIRELMDAQMKT 200
FDTTFSHFKNFRLPGVLSSGCELPESLQAPSREEAAKWSQ 240
VRKDLCSLKVSLQLRGEDGSVWNYKPPADSGGKEIFSLLP 280
HMADMSTYMFKGIIISFAKVISYFRDLPIEDQISLLKGAFF 320
ELCQLRFNTVFNAETGTWECGRLSYCLEDTAGGFQQLLE 360
PMLKFHYMLKKLQLHEEEYVLMQAISLFSPPDRPGVLQHRV 400
VDQLQEQFAITLKSYLECNRPPQPAHRFLFLKIMAMLTCLR 440
SINAQHTQRLRLRIQDIHPFATPLMQELFGITGS. 474

Fig. 8

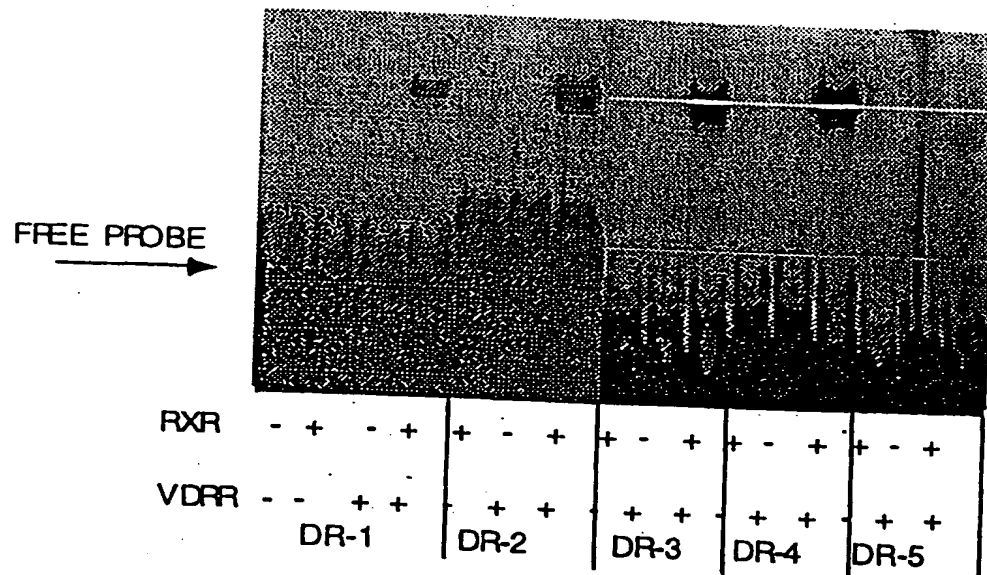


Fig. 9

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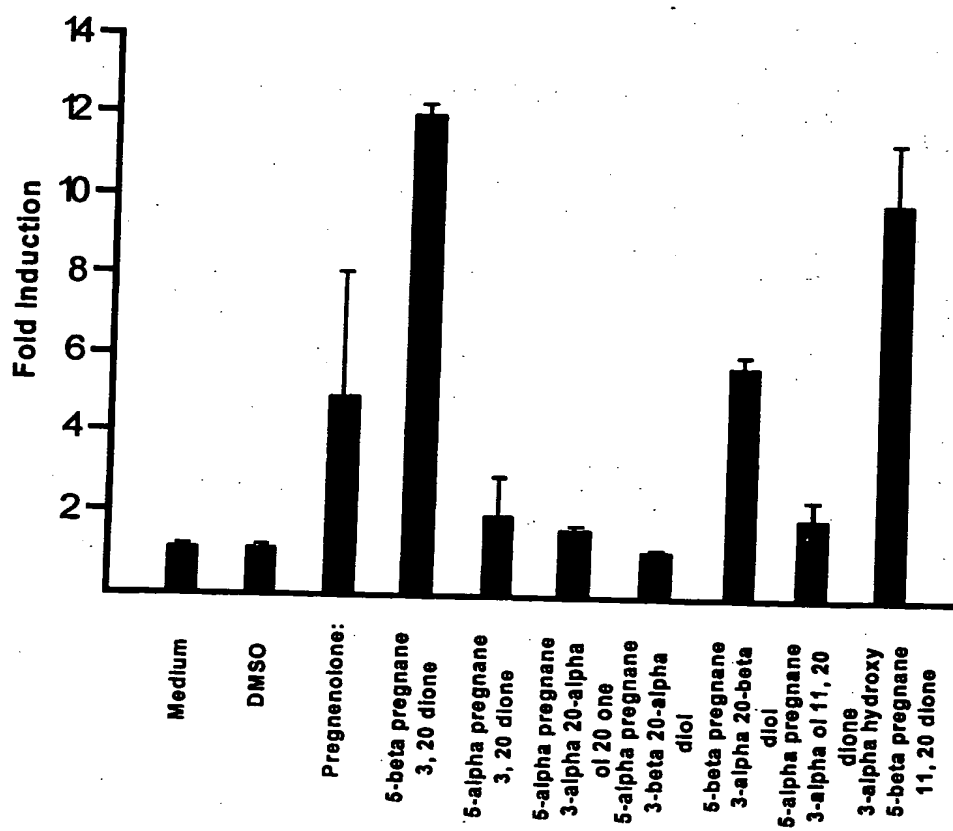


Fig. 10

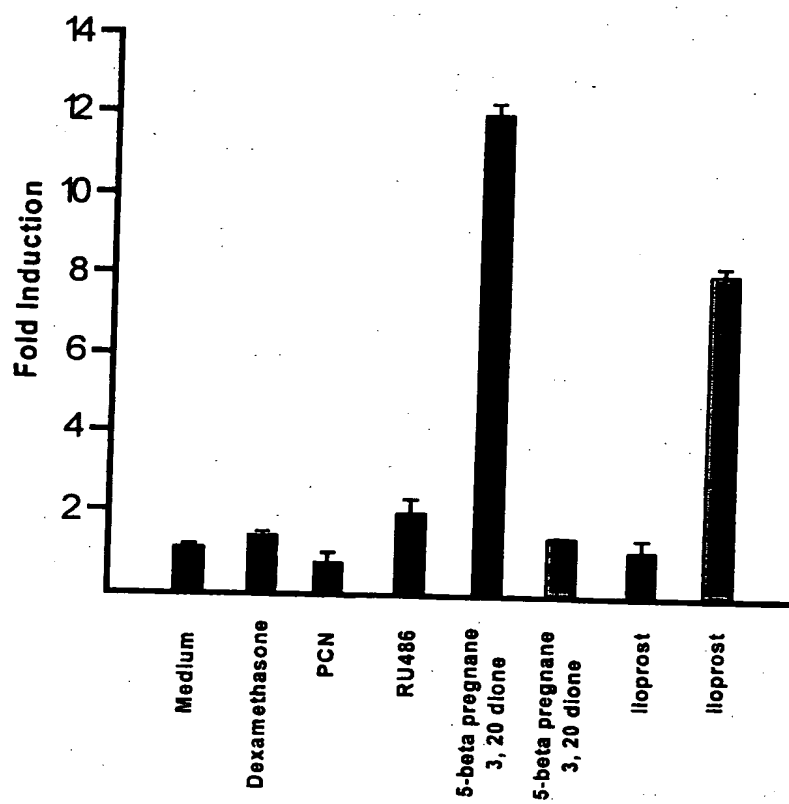


Fig. 11

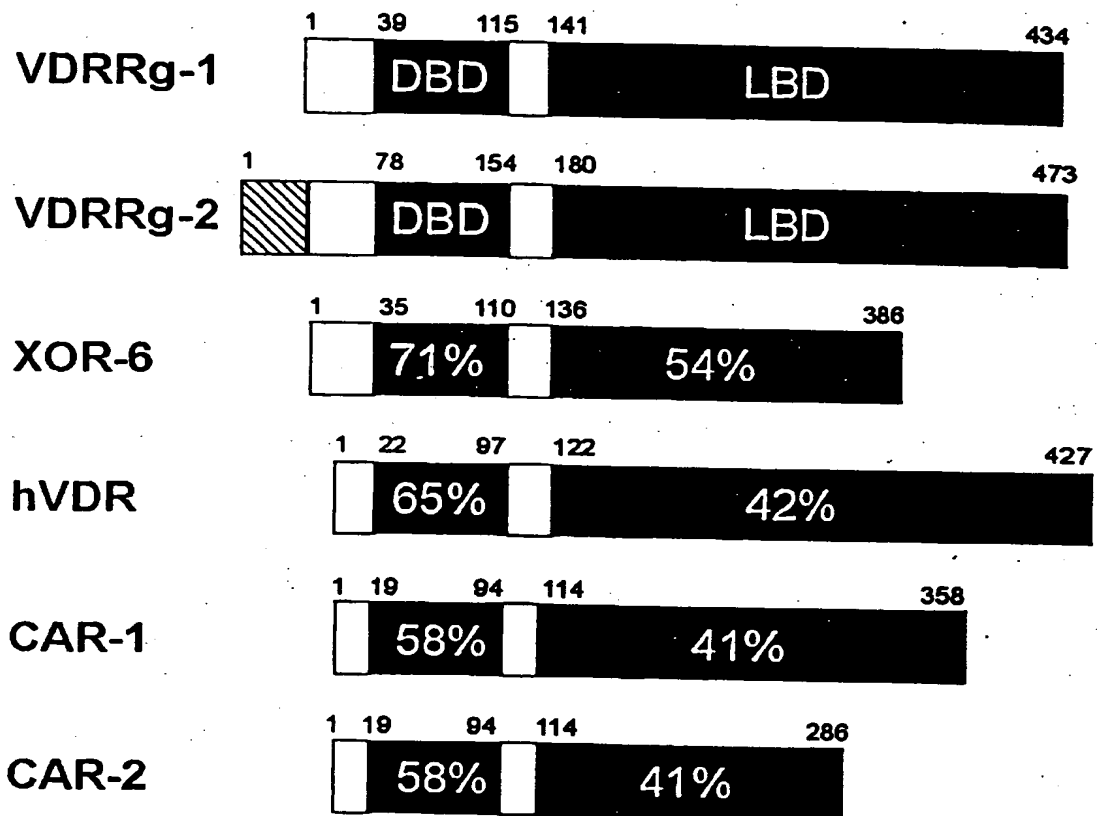


Fig. 12

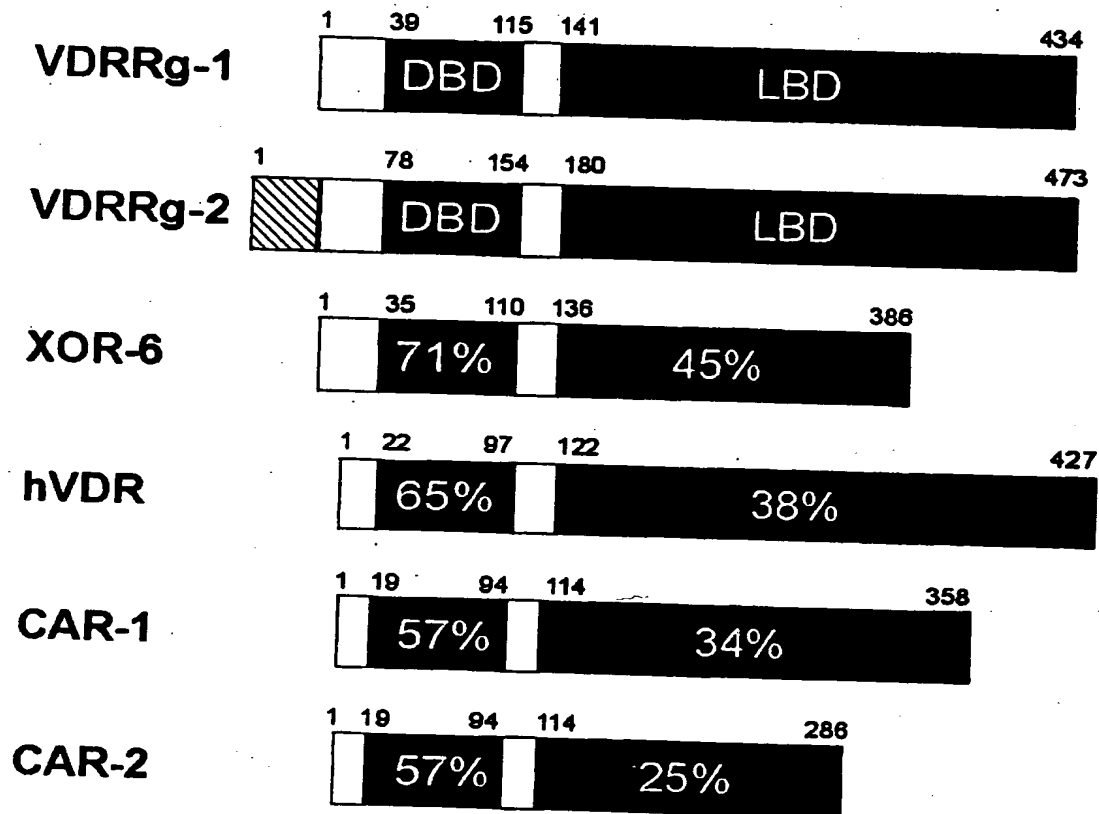


Fig. 13